1] What is Automation Testing?

Automation Testing is the process of using software tools to automatically run test cases on an application to check if it works correctly.

i) Definition:
   Automation testing means using tools to test software instead of testing it manually.

ii) Example Tools: Selenium, TestNG, JUnit, QTP.

iii)Why Use It?

- Saves time
- Reduces human error
- Can run tests repeatedly (regression testing)

2] Which Are The Browsers Supported By Selenium Ide?

Selenium IDE supports the following browsers:

- Google Chrome
- Mozilla Firefox

Note:

- ✅ Selenium IDE works as a **browser extension**, so it needs to be installed in Chrome or Firefox.
- ✖ It does **not support** browsers like Safari, Edge, or Internet Explorer.

3] What are the benefits of Automation Testing?

- **Faster Testing:** Tests run quickly, saving time.

- **Repeatable:** You can run the same test again and again easily.

- **Accurate:** No tiredness or mistakes like manual testing.

- **More Test Coverage:** You can test more features in less time.

- **Saves Time & Cost:** Especially for big projects.

- **Runs Anytime:** Tests can run at night or anytime automatically.

4] What are the advantages of Selenium?

1. **Free Tool:**
   - Selenium is open-source -- no need to pay.

2. **Works on All Browsers:**
   - Supports Chrome, Firefox, Safari, Edge.

3. **Supports Many Languages:**
   - Like Java, Python, C#, JavaScript.

4. **Runs on Any OS:**
   - Works on Windows, Mac, Linux.

5. **Easy to Combine with Other Tools:**
   - Like TestNG, Jenkins, Maven, etc.

6. **Best for Web Testing:**
   - Perfect for testing websites

7. **Supports Parallel Testing:**
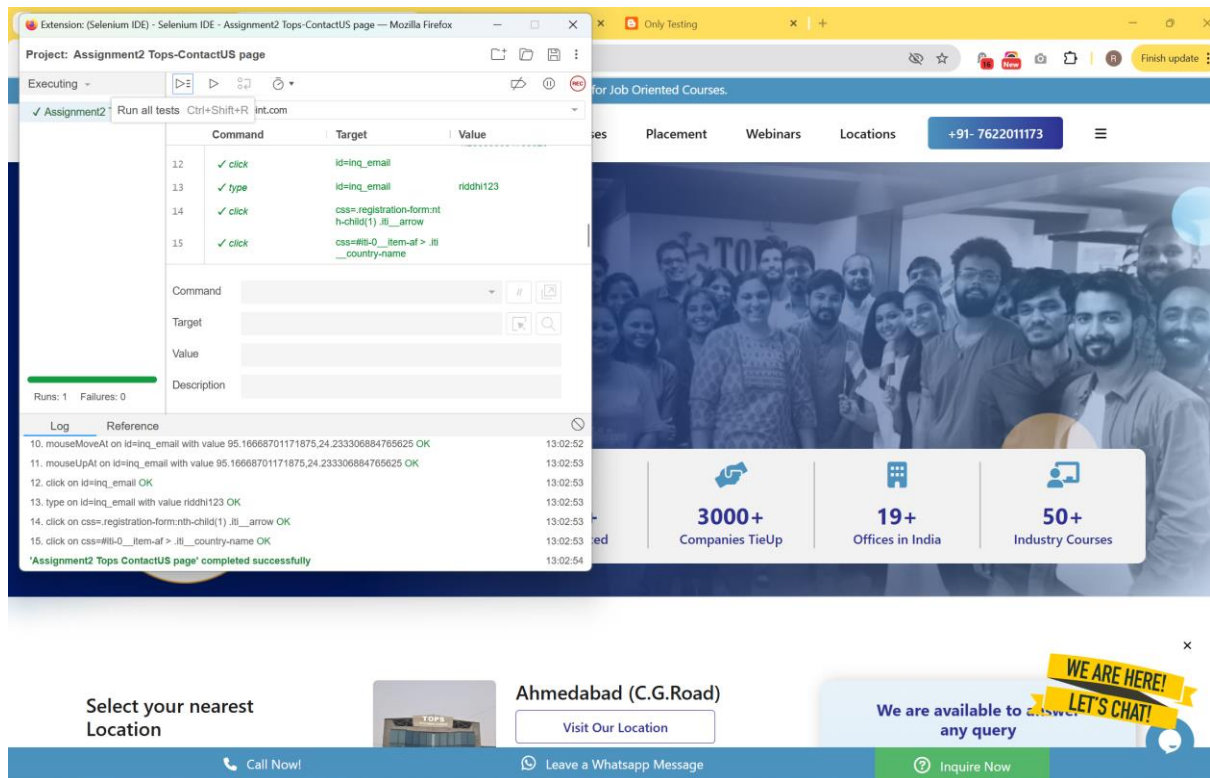   - Run tests on multiple browsers at once using Selenium Grid (parallel testing).

5] Why testers should opt for Selenium and not QTP?

Feature	Selenium	QTP / UFT
Cost	Free & Open Source	Paid (License Required)
Browser Support	Chrome, Firefox, Safari, Edge, Opera	Mostly Internet Explorer
OS Support	Windows, Mac, Linux	Windows Only
Language Support	Java, Python, C#, JavaScript, etc.	Only VBScript
Web Testing	Best for Web Applications	Supports both Web & Desktop
Tool Integration	Easy with Jenkins, Maven, Git, etc.	Limited integration options
Parallel Testing	Yes (with Selenium Grid)	No built-in support
Cross-Browser Testing	Yes	Limited
Flexibility	Very Flexible and Customizable	Less Flexible
Community Support	Large, Active, Lots of Help Online	Small, Less Active

Conclusion:

- ✅ **Choose Selenium** if you want a **free, fast, flexible, and powerful** tool for testing web applications.

- ✖ **QTP/UFT** is limited, costly, and mainly for Windows + VBScript users.

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1. To use assert

2. To use click and wait

3. To use locators

4. To use other command

https://www.tops-int.com/contact-us			
	Command	**Target**	**Value**
1	open	/	
2	click	id=inq_name	
3	type	name=name	Riddhi
4	click	id=inq_email	
5	type	xpath=//*[@id="inq_email"]	riddhi123@gmail.com
6	click	id=inq_contact	
7	type	name=contact	9123412378
8	wait for element visible	linkText=Send Inquiry	3000
9	assert title	Top Computer Courses in India – Learn with TOPS Technologies	

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